

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel claims 1 - 4 without prejudice or disclaimer of the subject thereof and add the following new claims.

5. (new) A sample processing apparatus comprising:

a main unit which comprises at least one processing chamber in which a sample is disposed and processed;

a recording device which records information of an operation in said main unit as predetermined data, which information includes a plurality of data corresponding to signals which are output from said main unit during said operation; and

display means for simultaneously displaying both information about an abnormality which occurred during said operation and at least one information selected by a user corresponding to one of said predetermined data.

6. (new) A sample processing apparatus according to claim 5, wherein said information of said operation in said main unit includes at least one of time series data, and said display means displays said information about the abnormality and said information selected by the user in synchronism.

7. (new) A sample processing apparatus according to claim 5, wherein said information of said operation includes said information about the abnormality involving content and timing data.

8. (new) A sample processing apparatus according to claim 6, wherein said information of said operation includes said information about the abnormality involving content and timing data.

9. (new) A sample processing apparatus comprising:

a main unit which comprises at least one processing chamber in which a sample is disposed and processed;

a recording device for recording data as information of an operation in said main unit operated during a predetermined period, which information includes a plurality of data corresponding to signals which are output from said main unit during said operation; and

display means for displaying both an information about an abnormality which occurred during said operation and at least one information selected by a user corresponding to one of said plurality of data in portions of said predetermined period.

10. (new) A sample processing apparatus according to claim 9, wherein said information of said operation in said main unit includes at least time series data, and said display means displays said information about the abnormality and said data selected by the user in synchronism.

11. (new) A sample processing apparatus according to claim 9, wherein said information of said operation includes said information about the abnormality involving content and timing data.

12. (new) A sample processing apparatus according to claim 10, wherein said information of said operation includes said information about the abnormality involving content and timing data.